

**PACIFIC ISLANDS REGIONAL OBSERVER PROGRAM**  
**DEEP SET**  
**QUARTERLY STATUS REPORT**  
**July 1, 2006 – September 30, 2006**

Pacific Islands Regional Office  
National Marine Fisheries Service  
October 23, 2006

The Hawaii-based pelagic longline fishery targeting tunas has been monitored under a mandatory observer program since February 1994. Beginning March 1994, branch personnel have conducted daily shoreside dock rounds in Honolulu to determine which fishing vessels are in port. These dock rounds are used to obtain an estimate of fishing effort on a real-time basis by assuming that a vessel is fishing when it is absent from the harbor. This report summarizes data for vessels that declared intent for a deep set trip. This report is used to ensure prompt dissemination of Hawaii Longline Observer Data and may be revised after final data editing has been completed. The following table summarizes percent observer coverage for vessel departures, the number of vessels arriving with observers, and protected species interactions for vessels arriving with observers during the third quarter of 2006.

<b>Vessel Departures - 3rd Quarter (July 1, 2006 - September 30, 2006)</b>	
Departures -----	325
Departures with observers -----	66
Observer coverage 3rd quarter -----	<b>20.3%</b>
<b>Vessels Arriving with Observers - 3rd Quarter</b>	
Departures with observers in 3rd quarter -----	66
Observers departing in 2nd quarter arriving 3rd quarter -----	14
Observers departing in 3rd quarter arriving 4th quarter -----	15
Total vessels arriving with observers - 3rd quarter -----	65
<b>Protected Species Interactions - 3rd Quarter</b>	
Vessels arriving with observers - 3rd quarter -----	65
Trips with turtle interactions -----	8
Trips without turtle interactions -----	57
Trips with marine mammal interactions -----	1
Trips without marine mammal interactions -----	64
Trips with seabird interactions -----	3
Trips without seabird interactions -----	62
<b>Total Sea Turtles Interactions -----</b>	<b>8</b>
Released injured	
Olive ridley -----	1
Released dead	
Olive ridley -----	5
Green -----	1
Leatherback -----	1
<b>Total Marine Mammal Interactions -----</b>	<b>1</b>
Released injured	
False Killer Whale -----	1
<b>Total Seabird Interactions -----</b>	<b>3</b>
Released dead	
Laysan Albatross -----	1
Black-footed Albatross -----	2
<b>Total Sets</b>	<b>842</b>
<b>Total Hooks Retrieved</b>	<b>1,762,288</b>
<b>Turtles per 1,000 Hooks</b>	<b>0.005</b>
<b>Seabirds per 1,000 Hooks</b>	<b>0.002</b>
<b>Marine Mammals per 1,000 Hooks</b>	<b>0.001</b>
Note: The percent of observer coverage is based on vessel departures.	
Protected species interactions are based on vessel arrivals. For the purpose of this report, an animal that becomes hooked or entangled is an interaction.	